| Inde | x of | Claims |  |
|------|------|--------|--|
|      |      |        |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/664,071              | POYKKO ET AL.                           |
| Examiner                | Art Unit                                |

Michael Vu

2617

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

Non-Elected

A Appeal
O Objected

| Cla           | Date           |            |  |          |              |          |              |          |  |                 |  |  |
|---------------|----------------|------------|--|----------|--------------|----------|--------------|----------|--|-----------------|--|--|
| O16           | Date           |            |  |          |              |          |              |          |  |                 |  |  |
| Final         | Original       | 90/6/9     | rafiifes   |          |              |          |              |          |  |                 |  |  |
| $\overline{}$ | 1              | 1          | V  |          |              |          |              |          | _  |                 |  |  |
| _             | 2              | 1          | Ť  | -        |              | _        | _            |          | _  | $\dashv$        |  |  |
|               | 3              | 1          | H  | _        | _            | _        |              | $\vdash$ | _  | $\neg$          |  |  |
|               | 4              | V          | Н  | _        | _            |          | $\vdash$     |          | _  | $\dashv$        |  |  |
|               | 5              |            | Н  | -        | -            | $\vdash$ | $\vdash$     | Н        | _  | $\neg$          |  |  |
|               | 6              | 7          | Н  | -        |              | $\vdash$ | ┝            | Н        | _  | -               |  |  |
|               | 7              | Ì          | Н  | $\vdash$ |              |          | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$        |  |  |
| $\vdash$      | 8              | 1          | ╫  | $\vdash$ |              | -        | $\vdash$     | Н        | -  | $\vdash$        |  |  |
|               | 9              | 1          | ₩  | ⊢        | <del>-</del> | $\vdash$ | -            | -        | _  | Н               |  |  |
|               | 10             | 1          | ₩  | -        | $\vdash$     | Н        | $\vdash$     | $\vdash$ |  | Н               |  |  |
|               | 10             | Ť          | Н  | _        | ⊢            | ⊢        | $\vdash$     | _        | _  | $\vdash$        |  |  |
| ├             | 11<br>12<br>13 | 1          | -  | ├        | <del> </del> |          |              | _        |  | $\dashv$        |  |  |
|               | 12             | 7          | -  | <u> </u> | -            | -        | -            |          | Ь.   | Щ               |  |  |
|               | 13             | ٧,         | H  | <u> </u> | $\vdash$     | <u> </u> | _            | _        | Ь.   | Н               |  |  |
|               | 14<br>15       | 1          | Н-   | $\vdash$ | <b>!</b>     | <u> </u> | <del> </del> | _        | Ь  | Щ               |  |  |
| <u></u>       | 15             | 7          | 11   | ldash    | _            | L        | <b>!</b>     | <u> </u> | L_   | Ш               |  |  |
| <u></u>       | 16             | 1          | Ш  | L.       | _            | <b> </b> | $\vdash$     | _        | ш  | Ш               |  |  |
|               | 17             | 1          | Ш  |          | _            | <u> </u> | L            |          |  | Ш               |  |  |
|               | 18             | 1          | Ш  |          | L            |          | _            |          |  |                 |  |  |
|               | 19             | 1          | $\coprod_{\ell}$                                 |          |              |          |              |          |  |                 |  |  |
|               | 20             | 1          | V  |          |              |          |              |          |  |                 |  |  |
|               | 21             | Г          |  |          |              |          | Γ            |          |  | $\Box$          |  |  |
|               | 22             | Г          |  |          |              |          |              |          |  | $\Box$          |  |  |
|               | 23             |            | Т  | _        |              | $\vdash$ |              |          |  | Н               |  |  |
|               | 24             | Ι          | <del>                                     </del> | $\vdash$ |              | -        | -            | -        |  | Н               |  |  |
|               | 25             | Ι-         | -  | -        | _            | ┢╾       |              |          | -  | Н               |  |  |
| <b></b>       | 26             | $\vdash$   |  | _        | _            |          | -            | -        | -  | -               |  |  |
|               | 27             | -          | -  | -        | -            | ┝        | -            | -        | -  | Н               |  |  |
| ļ             | 28             | $\vdash$   | $\vdash$   | $\vdash$ |              | ┝        |              | -        | -  | Н               |  |  |
| <del></del>   | 29             | -          | ┨  | $\vdash$ |              | ┝        | -            | _        | _  | $\dashv$        |  |  |
| -             | 30             | $\vdash$   | -  | $\vdash$ | -            | ┝        | -            | $\vdash$ | -  | $\dashv$        |  |  |
|               | 31             | -          | -  | $\vdash$ | -            | ├        | H            | -        | _  | Н               |  |  |
| <b></b> -     | 31             | ⊢          | -  | ┝        | -            | ├        | -            | -        | _  | $\vdash$        |  |  |
|               | 32             | ├          | ⊢  | ├        | ├            | ├-       | ├-           | -        | ├  | Н               |  |  |
|               | 33             | <u> </u>   | <b> </b> -                                       | _        | <del> </del> | <u> </u> | ├-           | <u> </u> | <b>!</b>   | Н               |  |  |
|               | 34             | <b> </b> - | <del>  -</del>                                   | -        | <u> </u>     | -        | <u> </u>     | <u> </u> | $\vdash$   | Щ               |  |  |
| <u></u>       | 35             | L.         | <b>—</b>   | <u> </u> | 1            | <u> </u> | <u> </u>     | <u> </u> | <u> </u>   | Щ               |  |  |
|               | 36             | <u> </u>   | <b>I</b>   | <u> </u> |              | _        | <u>_</u>     | <b>!</b> | <u> </u>   | Щ               |  |  |
|               | .37            | <u> </u>   | <b>!</b>   | <u> </u> | <u> </u>     | _        | <u> </u>     | <u> </u> | <b>—</b>   | Ц               |  |  |
|               | 38             | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>     |          | _            | L        | _  | Ш               |  |  |
|               | 39             | L_         | L  | L_       | _            | _        | L            | _        | _  | Ш               |  |  |
|               | 40             | _          | L  | L        | _            | L        | L            | _        | L  | Ш               |  |  |
|               | 41             |            |  |          | L            | L        |              |          |  |                 |  |  |
|               | 42             |            |  |          | $\Box$       |          |              |          |  |                 |  |  |
|               | 43             |            |  |          | $\Box$       |          |              |          |  |                 |  |  |
|               | 44             |            | П  | Γ        | Г            |          | Г            |          |  | П               |  |  |
|               | 45             |            | П  | Г        | 1            |          |              |          | П  | П               |  |  |
|               | 46             | 1          | Т  | т        | Г            |          | tΤ           | T        | $\vdash$   | М               |  |  |
|               | 47             | ┢          | 1  | Ι-       | t            | $\vdash$ | T-           | Т        | -  | Н               |  |  |
| <u> </u>      | 48             | ┢          | $\vdash$   | ┢        | $\vdash$     | t        | $\vdash$     | $\vdash$ | <del>                                     </del> | H               |  |  |
| $\vdash$      | 49             | +-         | 1-   | -        | -            | -        | +-           | +-       | -  | Н               |  |  |
| <b>—</b>      | 50             | -          | $\vdash$   | ⊢        | $\vdash$     | -        | $\vdash$     | $\vdash$ | ├-   | $\vdash \vdash$ |  |  |
| <u> </u>      | 1 20           |            | Ц.   | ـــــ    | Щ.           | Ц.       | <u> </u>     | _        | L_   | لــا            |  |  |

|             |          |          |          |          |              |          |          |          |          |          | _   | _        |          |        |   |             | _        |              |  |          |  |   |
|-------------|----------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|-----|----------|----------|--------|---|-------------|----------|--------------|--|----------|--|---|
| Claim       |          | Date     |          |          |              |          |          |          |          |          | Cla | aim      | Date     |        |   |             |          |              |  |          |  |   |
| Final       | Original |          |          |          |              |          |          |          |          |          |     | Final    | Original |        |   |             |          |              |  |          |  |   |
|             | 51       |          | -        |          |              | П        |          |          |          | _        |     |          | 101      | М      | _ |             | _        |              |  | _        | П  | _ |
|             | 52       | _        |          |          |              | П        |          |          |          |          |     |          | 102      | П      |   |             |          |              |  | $\vdash$ | $\sqcap$   |   |
|             | 53       | $\neg$   |          | П        |              |          |          |          |          | _        |     |          | 103      | П      |   |             |          |              | П  |          | $\sqcap$   | _ |
|             | 54       |          |          | Г        |              |          | _        |          |          |          |     |          | 104      | П      |   |             |          |              |  | _        | П  | _ |
|             | 55       |          | $\Box$   |          | Т            |          |          |          |          |          |     |          | 105      |        | _ |             |          |              |  |          | $\Box$   | _ |
|             | 56       |          |          |          |              |          |          |          |          |          |     |          | 106      |        |   |             |          |              |  |          | П  |   |
|             | 57       |          |          |          |              | П        |          |          |          |          |     |          | 107      |        |   |             |          |              |  |          | $\sqcap$   |   |
|             | 58       |          |          |          |              |          |          |          |          |          |     |          | 108      |        |   |             |          |              |  |          | П  |   |
|             | 59       |          |          |          |              |          |          |          |          |          |     |          | 109      |        |   |             |          |              |  |          |  |   |
|             | 60       |          |          |          |              |          |          |          |          |          |     |          | 110      |        |   |             |          |              |  |          |  |   |
|             | 61       |          |          |          |              |          |          |          |          |          |     |          | 111      |        |   |             |          |              |  |          |  |   |
|             | 62       |          |          |          |              |          |          |          |          |          |     |          | 112      |        |   |             |          |              |  |          |  |   |
|             | 63       |          |          |          |              |          |          |          |          |          |     |          | 113      |        |   |             |          |              |  |          |  |   |
|             | 64       | L_       |          | L        | <u>L</u>     |          |          |          | Ш        |          |     |          | 114      | Ш      |   |             |          |              |  |          |  | _ |
|             | 65       |          |          | 匚        | _            |          |          |          |          | _        |     |          | 115      |        |   |             |          |              |  |          |  |   |
|             | 66       |          |          | L        | L            |          |          |          |          |          |     |          | 116      |        |   |             |          |              |  |          |  | _ |
|             | 67       |          |          | L        |              |          |          |          |          | _        |     |          | 117      |        |   |             |          |              |  |          | Ш  |   |
|             | 68       |          |          | L        |              | Ш        | Ш        |          |          | <u></u>  |     |          | 118      |        |   |             |          |              |  |          | Ш  |   |
|             | 69       |          |          | L        | _            |          |          |          |          | _        |     |          | 119      |        |   |             |          |              |  |          |  |   |
|             | 70       |          |          | L        |              | L        |          |          |          |          |     |          | 120      |        |   |             |          | L            |  |          |  | _ |
|             | 71       |          |          | _        | L            |          |          |          |          | _        |     |          | 121      |        |   |             |          | L            | _  |          | $\sqcup$   | L |
|             | 72       |          | L        | L        | _            |          |          |          |          | _        |     |          | 122      |        |   |             |          | L.           | Щ  | <u> </u> |  | _ |
|             | 73       |          |          | L        | _            | L_       |          |          |          | _        |     |          | 123      | Ш      |   |             |          | _            |  | L_       | Ш  | _ |
|             | 74       | _        | _        | <u> </u> | ╙            | Щ        |          |          |          | <u> </u> |     |          | 124      |        | _ | _           | _        | L.           | <u> </u>   | <u> </u> |  | _ |
|             | 75       | ш        | _        | _        | _            | _        | _        | _        | _        | <u> </u> |     |          | 125      | Ŀ      |   |             | _        |              | L.   |          | -  | _ |
|             | 76       | _        |          | <u> </u> | _            |          | _        |          | _        | Ŀ        |     |          | 126      |        |   |             | <u> </u> |              | _  | <u> </u> | Ш  | _ |
|             | 77       |          | <u> </u> | <u> </u> | ┡            | _        | _        |          |          | <u> </u> |     |          | 127      | _      |   | <u> </u>    | <u> </u> | -            |  | -        | Ш  | _ |
|             | 78       |          |          | <u> </u> | <del> </del> |          |          | Н        |          | ⊢        |     |          | 128      | -      |   | _           | -        | -            |  | -        | Н  | - |
|             | 79       | -        | _        | ├-       | <u> </u>     | -        |          |          |          | <u> </u> |     |          | 129      | H      | _ | H           | Ι-       | <del> </del> | -  | ├        | Н  | - |
|             | 80<br>81 | -        | _        | ├-       | -            | -        | <u> </u> | _        |          | <u> </u> |     |          | 130      | H      | _ | -           | -        | ⊩            |  |          | Н  | - |
|             | 82       | $\vdash$ |          | ├        | ┝            | ⊢        |          | -        | -        | ⊢        |     |          | 132      | Н      | _ | -           | -        | ├            | -  | -        | -  | - |
|             | 83       | $\vdash$ |          | Ι÷       | ┝            | ⊢        |          | _        | _        | ┝        | { } |          | 133      | Н      | _ | -           | -        | ┝            | _  | -        |  | H |
| <del></del> | 84       | -        | -        | -        |              | 1        | $\vdash$ | —        | -        | -        |     |          | 134      | -      | - | <del></del> | -        | $\vdash$     |  | -        | $\vdash$   | ┝ |
| <u> </u>    | 85       | -        | -        | $\vdash$ | ⊢            | ╁        | $\vdash$ | $\vdash$ | -        | -        |     | ├─       | 135      | Н      | - | $\vdash$    | $\vdash$ | $\vdash$     | -  | -        | H  | ┝ |
|             | 86       | $\vdash$ | $\vdash$ | 1-       | ┢            | $\vdash$ | H        | $\vdash$ | -        | $\vdash$ |     |          | 136      |        | _ | Ι-          | $\vdash$ | $\vdash$     | -  | -        | ┰  | _ |
|             | 87       | -        | ┈        | ╌        | ┝            | ├-       | ⊢        | ⊢        | -        | -        | 1   |          | 137      |        | _ | ┢           | ┢        | $\vdash$     | ┢  | ┢        | <del>                                     </del> | Н |
|             | 88       | $\vdash$ | Н        | ╁        | -            | -        | -        | H-       | -        | Н        |     |          | 138      | Н      |   | -           | -        | $\vdash$     | <del>                                     </del> | _        | Н  | ┢ |
|             | 89       |          | -        | 1        | ┰            | $\vdash$ | -        | H        | H        | -        | 1   |          | 139      | Н      | _ | $\vdash$    | ┢        | _            | Н  | _        |  | - |
|             | 90       | $\vdash$ | 1        |          | ┪            | ┢        | ┢        | Н        |          | _        | 1   |          | 140      | Н      | _ | _           | _        | _            | _  |          | _  | ┢ |
|             | 91       | _        | -        |          | ┢            | 1        | Н        | Н        | Т        | $\vdash$ | i   | -        | 141      |        | _ |             | Т        | Г            | _  |          | $\vdash$   | Г |
|             | 92       | _        | Г        | 1        | Т            |          | 1        | _        | _        | 1        | 1   |          | 142      |        | _ |             | _        | Г            |  | _        | Г  | Г |
|             | 93       | $\vdash$ | Г        | 1        | Г            | Г        | _        | _        | _        | Г        | 1   |          | 143      | $\Box$ | Т |             |          | Г            |  | Г        | Г  | Γ |
|             | 94       |          | Γ        | 1        |              | ऻ        |          | 1        | $\vdash$ |          | 1   | $\vdash$ | 144      |        |   |             | _        | Г            | Г  |          |  | - |
|             | 95       | Г        |          | Г        |              |          | Г        |          | Т        | Г        | 1   |          | 145      | П      | П |             |          | Г            | T  | Г        | Г  | Γ |
|             | 96       | Г        | T        | 1        | Г            | 1        | Г        |          | Ι_       | П        | 1   |          | 146      |        | _ |             |          | Г            | П  | Γ        |  | Γ |
|             | 97       | Г        | Г        |          | Г            | $\vdash$ | Г        | 1        |          | T        | 1   |          | 147      |        |   | T           |          | Г            | П  | 1        | $\Box$   | Γ |
|             | 98       |          | Γ        | Г        | Г            |          |          |          |          | Г        | 1   |          | 148      | 1      |   | Г           | Г        | Г            | Г  | Г        | Г  | Γ |
|             | 99       |          | Г        | T        | 1            | Ì        | T        |          |          |          | 1 · |          | 149      | 1      |   | Г           | Г        | Г            | T  |          | Г  | Γ |
|             | 100      | Г        | П        | Τ_       |              | Г        | 1        | T        | Г        | П        | 1   |          | 150      |        | Г | Г           | Г        | Π            | Ι_   | Г        | Г  | Γ |